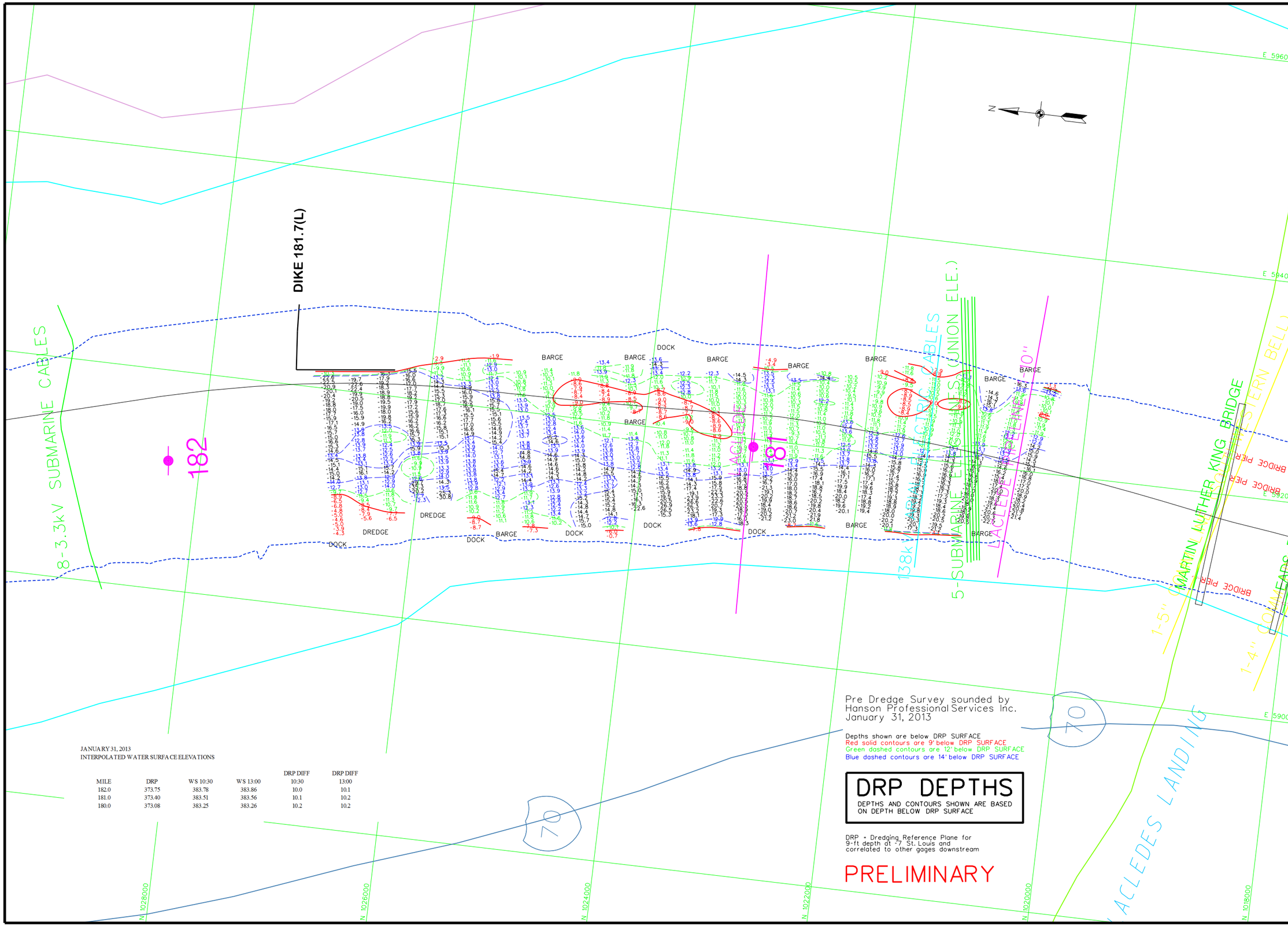

JANUARY 31, 2013
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	DRP	WS 10:30	WS 13:00	DRP DIFF 10:30	DRP DIFF 13:00
182.0	373.75	383.78	383.86	10.0	10.1
181.0	373.40	383.51	383.56	10.1	10.2
180.0	373.08	383.25	383.26	10.2	10.2

Pre Dredge Survey sounded by
Hanson Professional Services Inc.
January 31, 2013

Depths shown are below DRP SURFACE
Red solid contours are 9' below DRP SURFACE
Green dashed contours are 12' below DRP SURFACE
Blue dashed contours are 14' below DRP SURFACE

DRP DEPTHS

DEPTHS AND CONTOURS SHOWN ARE BASED ON DEPTH BELOW DRP SURFACE

DRP = Dredging Reference Plane for 9-ft depth at -7 St. Louis and correlated to other gages downstream

PRELIMINARY

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	WATER SURFACE	L & D 27 LOWER	ST. LOUIS
ZERO N.G.V.D.		350.00	379.94
MILE		185.1	179.6
L. W. R. P.		380.5	376.4
	31 JAN 2013	384.6 (10-30) 384.8 (13-00)	383.1 (10-30) 383.1 (13-00)

ELEVATIONS ARE REFERRED TO N.G.V.D. - CONTOURS ARE BELOW 1956-57 LOW WATER REFERENCE PLANE (L.W.R.P.) (34.000 C.F.S.)

Survey Date: January 31, 2013
SUBMITTED:
Chief, Engr. Data Mngt. Sect.
File name: 181A313_drp.dgn
Plot date: February 1, 2013
Plot scale: 1"=400'

Surveyed by: HANSON
Drawn by: JLK
Ckd by: RCA
Reviewed by:
APPROVED:
Chief, Geospatial Branch

U.S. ARMY ENGINEER DIVISION
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

120 0 120 240 METERS
400 0 400 800 FEET

THE MAP INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE AT THE TIME INDICATED AND MAY NOT NECESSARILY BE AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

PRE DREDGE SURVEY
MILE: 181.7-180.5

PLATE NUMBER